

PROJECT SUMMARY

Mramorak 1&2 Bundled Biogas Power Plants

Project holder	ZLATAR DOO-MRAMORAK
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Account holder	ZLATAR MRAMORAK DOO
Legal representative	Zoran Spasojević
Tax Identification Number (NIT)	101408470
Identification	006836015
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Phone	+38163466173
Address	Zadružna 6, 26226 Mramorak
City	Mramorak
Contact person	Zoran Spasojević

Sector	Energy industries (renewable sources / energy efficiency)
Type of Project	Energy Industries - renewable/non-renewable sources
Project description	<p>Mramorak 1&2 Biogas Power Plants (hereafter project and/or Mramorak 1&2 project) is a bundled Greenfield project activity, comprising two identical biogas power plants, implementing anaerobic treatment process to organic wastes to reduce Greenhouse gas (GHG) emissions through methane recovery and displace carbon intensive Serbian Electrical Power Supply (EPS) grid electricity with renewable biogas energy. Carbon credits created by the Mramorak1&2 projects are represented and owned by the Zlatar Mramorak Doo. Project uses manure from cattle farms, non-hazardous food wastes, plant wastes (starch waste, liquid starch wastes, Corn Steep Liquor (CSL)) and agricultural plant residues (slage corn and slage barley) to produce renewable energy. Project also uses CSL which is one of the new applications in anaerobic digestion systems worldwide. Generated renewable electricity is delivered to the Serbian national EPS grid system.</p>

Location	Mramorak1&2 project site is located in Republic of Serbia, on the eastern part of Belgrade, close to the border with Romania. Its physical address is "Zlatar Doo Mramorak, Zadružna street no. 6, at floor. parc. 690/3 ko Mramorak Serbia." Geographical coordinates of the project site: Project Site Latitude Longitude Mramorak1&2 central treatment plants 44°52'56.72"N 20°57'23.95"E Mramorak Farm 44°52'56.72"N 20°57'23.95"E Stari Tamis Farm 44°52'16.63"N 20°46'3.79"E Liquid digestate storage lagoon 44°52'34.01"N 20°56'52.19"E Solid digestate storage 44°55'0.56"N 20°57'5.80"E
Project participants	Zlatar Mramorak Doo, project owner Kilittaşı Mühendislik Müşavirlik İnşaat Tic. Ltd. Şti, carbon consultant
Special category	
ODS	Goal 7: Ensure access to affordable, reliable, sustainable and modern energy for all, Goal 8: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all, Goal 13: Take urgent action to combat climate change and its impacts
Quantification period	2020-06-24 To 2027-06-23
Methodology	CDM - AMS-III.AO._Methane recovery through controlled anaerobic digestion and CDM - AMS-I.D._Grid connected renewable electricity generatio
Estimated amount of GHG reductions / removals (ton CO2e)	22,239.00
Project ID	BCR-RS-493-1-001
Inscription date (dd/mm/yyyy)	13/07/2023

Verification Period (dd/mm/aaaa)	Verified GHG emission reductions or removals (t CO2e)	Conformity Assessment Body
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